

# INTRODUCING INTEGRATED WATER RESOURCE MANAGEMENT IN THE ANDEAN STATES

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# Outline of the Presentation

1. Introduction about the Andean Community
2. IWRM at international level
3. Water theme at the CAN
4. About the Andean Strategy on Integrated Water Resource Management (AS-IWRM)
5. Assessment of the Strategy
6. Recommendations & Conclusions

# 1. Introduction about the Andean Community

The Andean  
Community (CAN) is  
composed of 4  
Member States:  
Colombia, Ecuador,  
Peru and Bolivia



# Institutions of the Andean Community

Policy-maker → Andean Presidential Council

Legislative power → Council of Ministers of Foreign Affairs  
→ Andean Commission

Executive power → General Secretariat

Judicial power → Andean Court of Justice

Deliberative body → Andean Parliament

## 2. IWRM at International Level

# IWRM at International Level

- Integrated 
  - surface & groundwater
  - quality & quantity
  - water & land & nat. resources
- River basin 
  - unit for planning & management
- Participatory 
  - users, planners, decision makers
- Needs Included 
  - social, economic, environmental

# International Water Law

- Helsinki Rules on the Uses of the Waters of International Rivers (1967) ILA.
- Conv. on the Protection and Use of Transboundary Watercourses and international lakes (1992) UNECE.
- Conv. On the Law of the Non-navigational Uses of International Watercourses (1997) UN.
- Berlin Rules (2004) ILA.
- **MS of the CAN → No party to conventions**

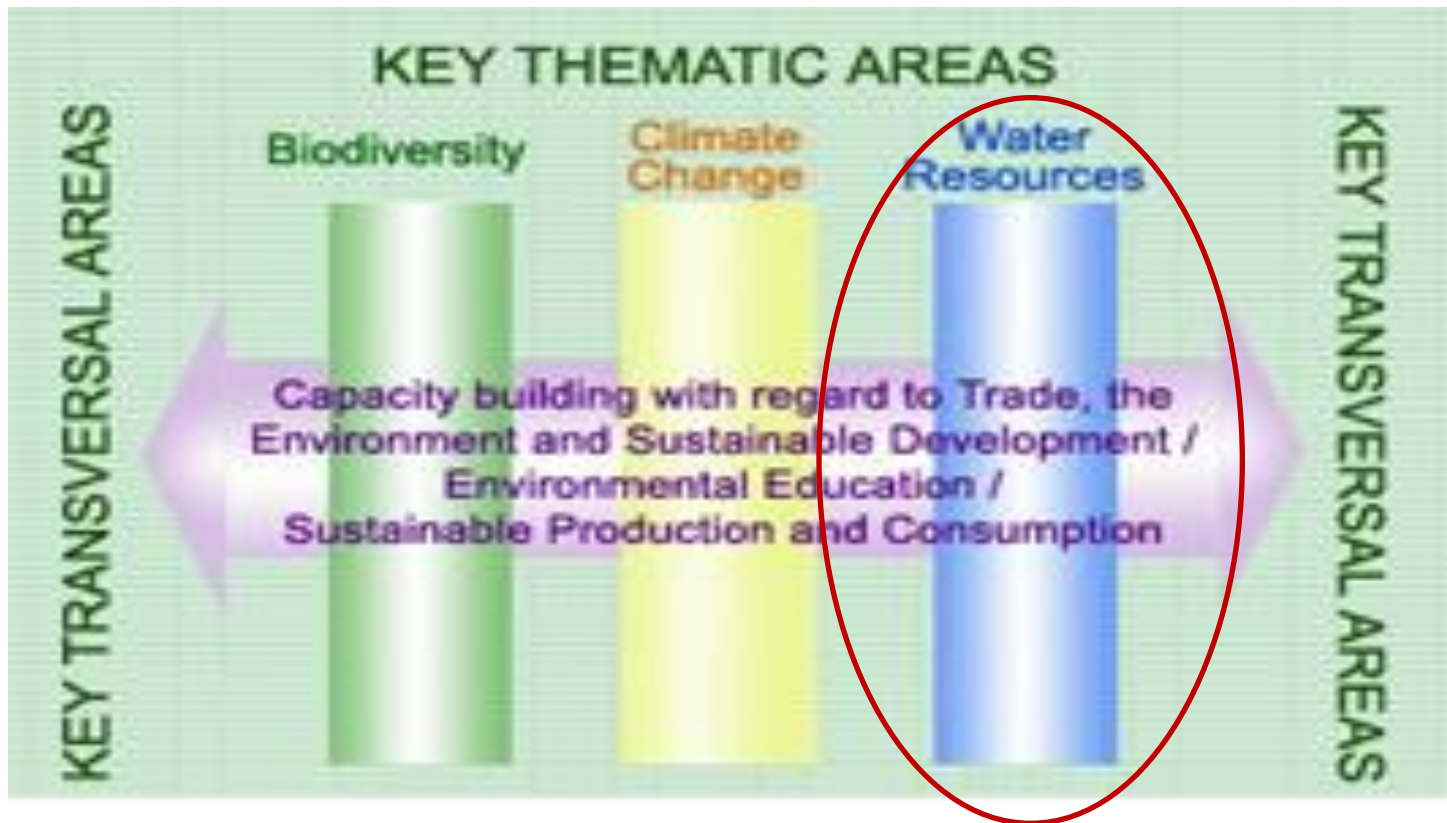


# National legislation of Andean States

- Fragmented in regulation and institutions
- River basin not consider as unit of management.
- Lack of participation of stakeholders in water decision- making.
- Water a public good, not an economic good
- Human right to water

# 3. Water at the CAN

# Andean Environmental Agenda 2006-2010



# Objectives of Water Resource Policy

1. Promote better access to water and sanitation to contribute reduction of poverty
2. Promote integral management of cross-border river
3. **Elaborate Strategy for the integrated management of water resources (AS-IWRM)**

# 4. About the Andean Strategy on Integrated Water Resource Management (AS-IWRM)

# Andean Strategy IWRM

*equitable, efficient and sustainable management*

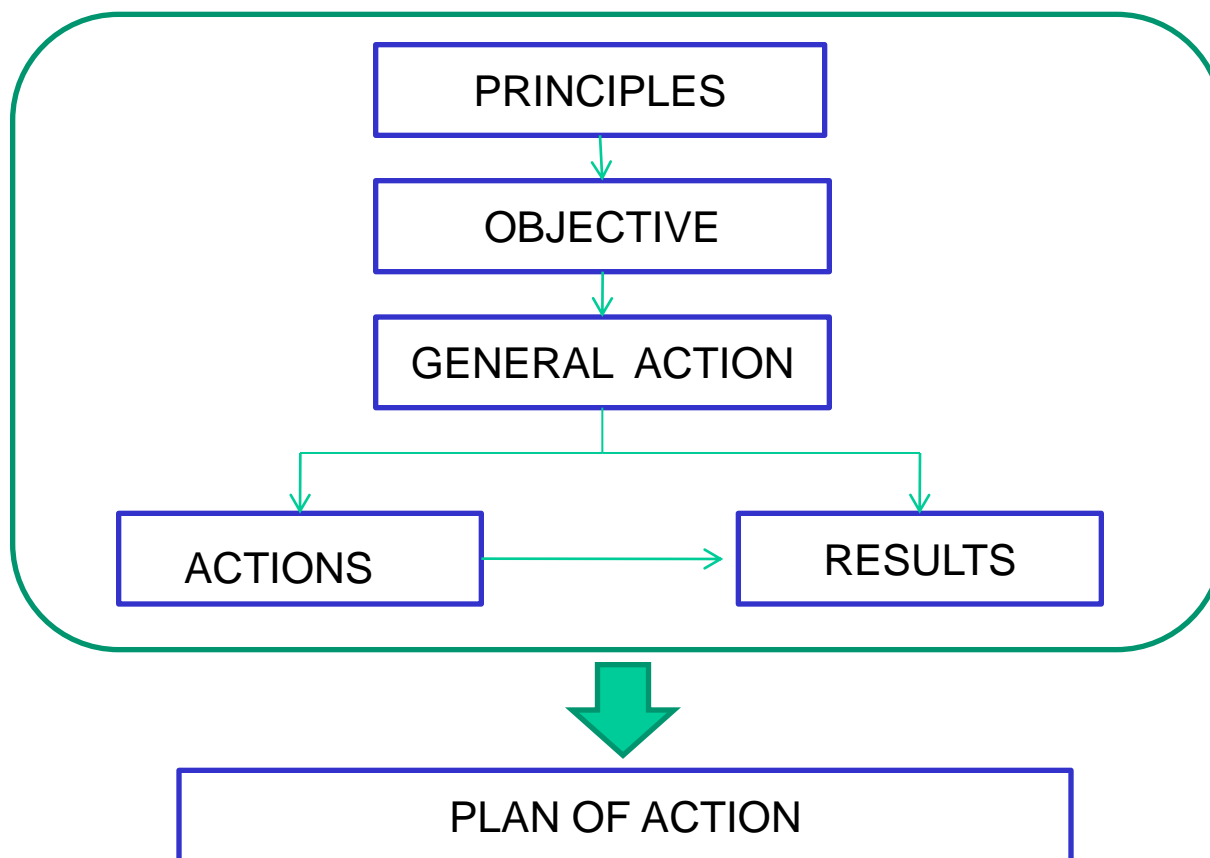
## Main Goals

- Promote access to water to fight poverty
- Efficient use of water for the environment and the people
- River basin as unit of planning and management
- Conservation, protection of river basin, ecosystems, and water resources.
- Participative approach involving planners and law makers at all levels.

# Andean Strategy IWRM



## Structure of the Andean Strategy IWRM





## Structure of the Andean Strategy IWRM

### PRINCIPLES



Sovereignty: IWRM according to their own national legislation

Solidarity: cooperation MS

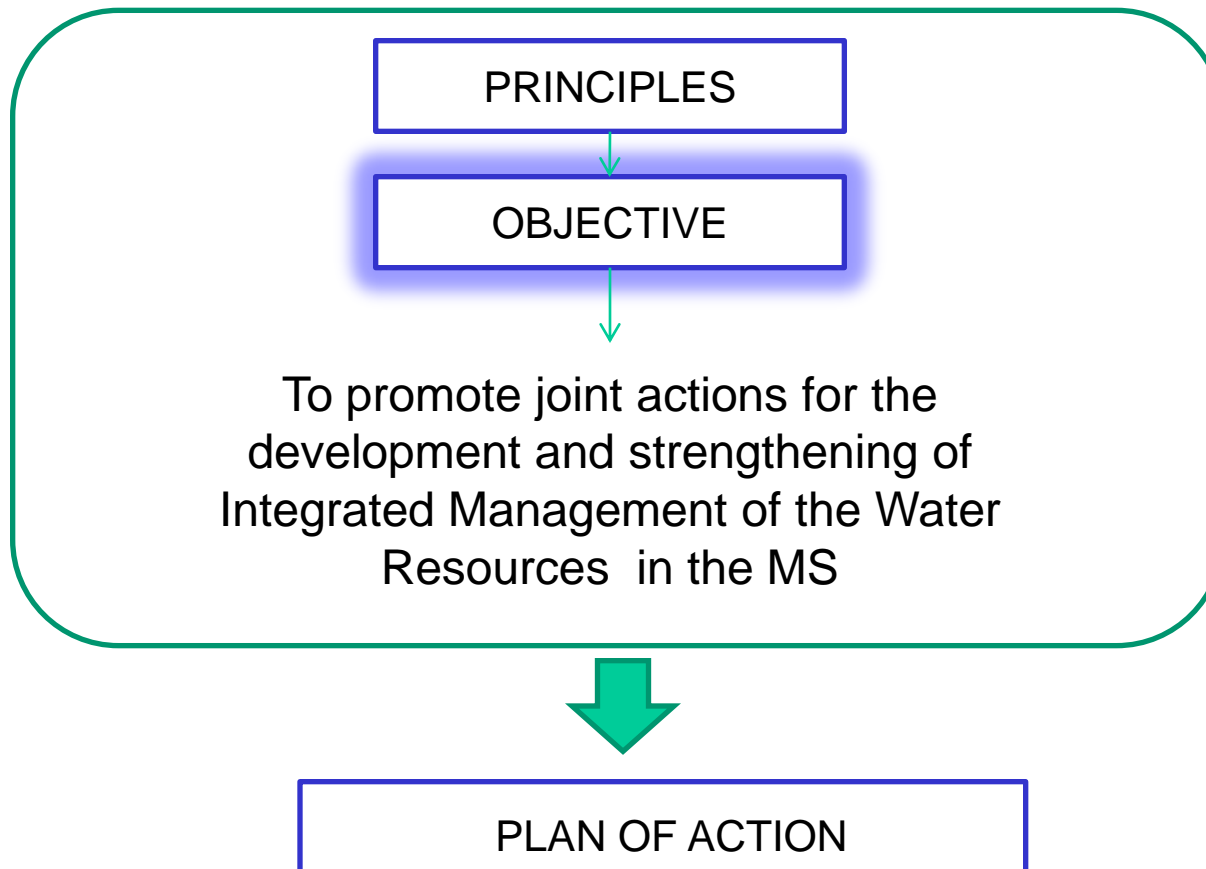
Knowledge: access to information

Flexibility: amendments

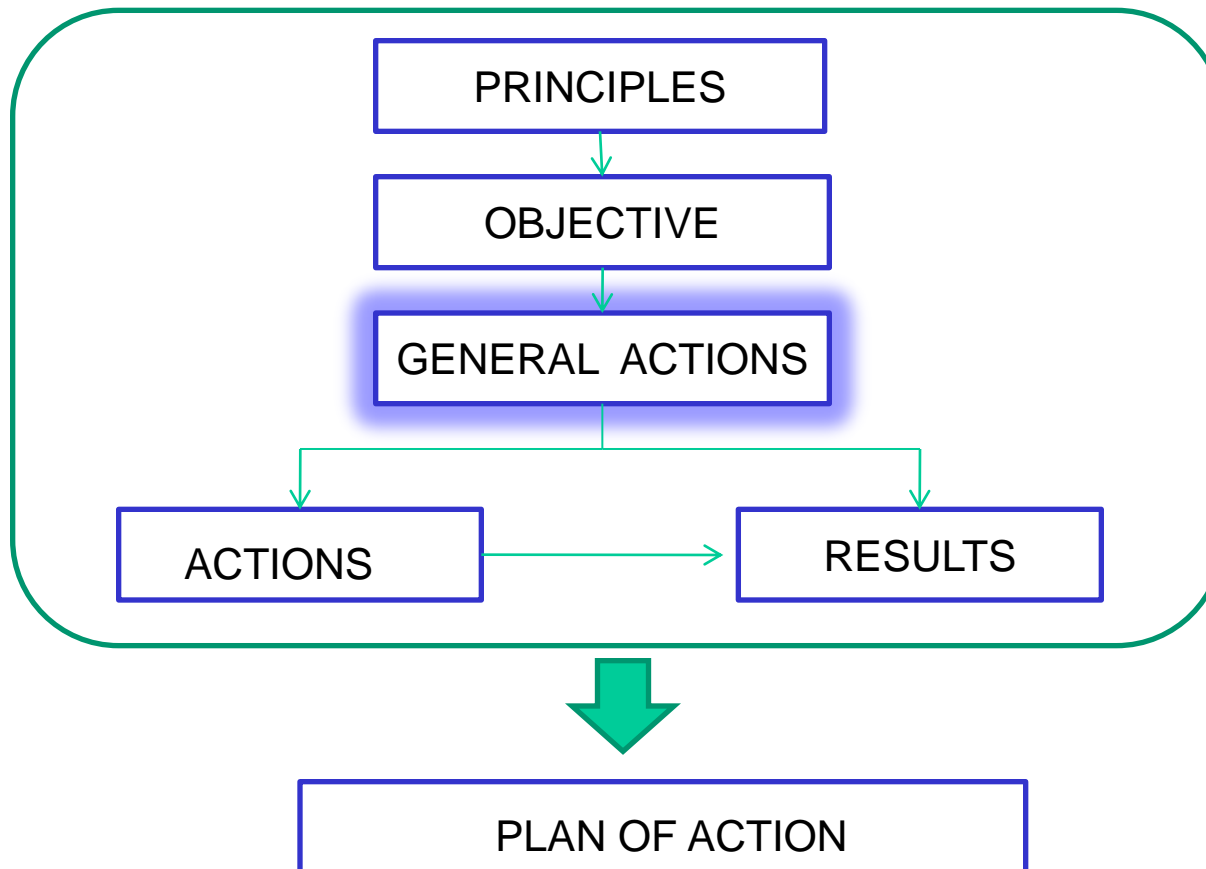


### PLAN OF ACTION

## Structure of the Andean Strategy IWRM



## Structure of the Andean Strategy IWRM



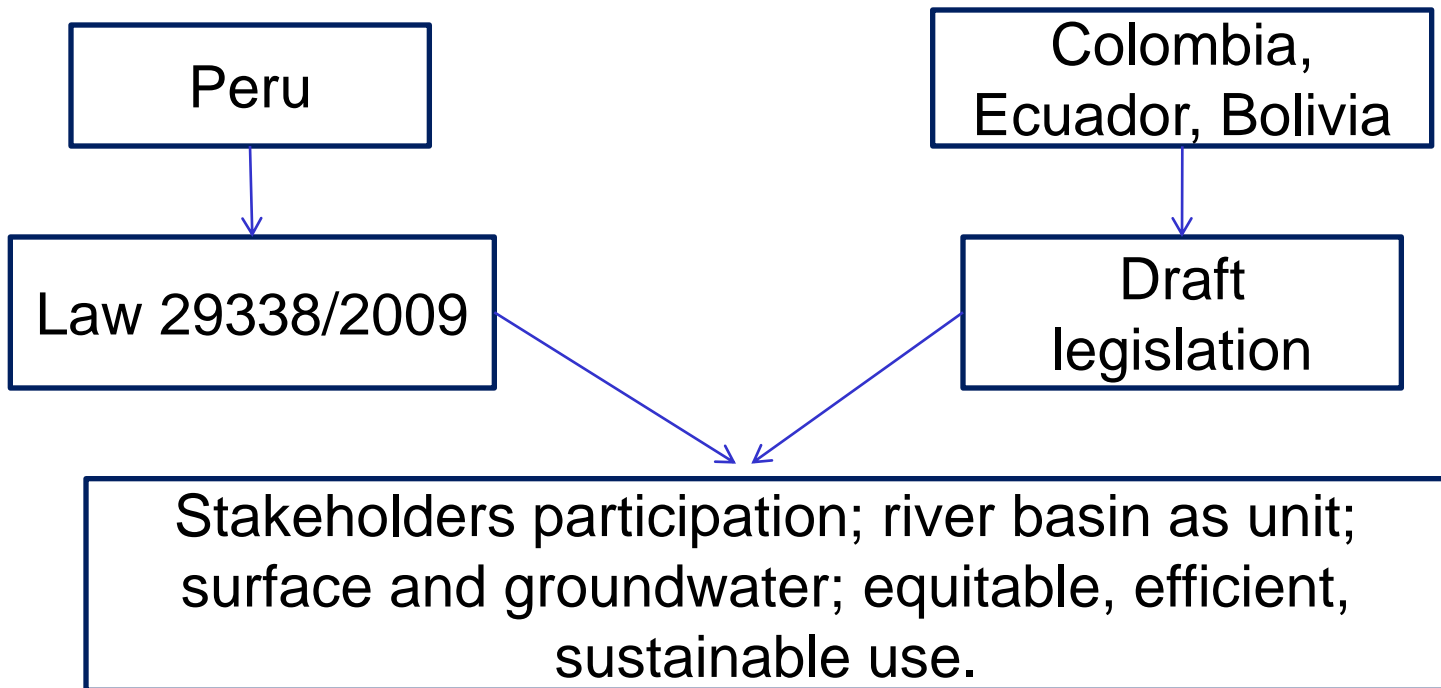
# GENERAL ACTIONS

1. Knowledge management → information systems, training
2. Strengthening Governance → legal frameworks including IWRM
3. Regional & Internat coop → joint projects, financial-technical assist
4. Conservation Sustainable use → tools for water quality
5. Actions for Climate change → effects of CC, adaptation measures
6. Transboundary River basin → joint projects between MS,
7. Guidelines IWRM Amazon's river → guidelines execute projects

# 5. Assessment of the AS-IWRM

# Positive Aspects of the AS-IWRM

Encouraging the inclusion of IWRM in national legislation.



# Positive Aspects of the AS-IWRM

- Participative → at regional level
- Promotes → research, info systems, execution of projects, trained personnel.
- Facilitates → technical & financial assistance



# Negative Aspects of the AS-IWRM

- Too vague, abstract
  - lack definitions (Water Resources)
  - No mention of groundwater, glaciers, aquifers
  - Lack of quality standards, target, indicators
  - No timing for evaluation. How often?
  - No requirements/obligations for MS
- Need an Action Plan for implementation
- Decision, not enforceable (Legal soft law)



# 6. Recommendations & Conclusions

# Recommendations & Conclusions

- Complete Action Plan with:
  - a) clear definition, targets, indicators to be met.
  - b) include groundwater, glaciers
  - c) state water quality standards
  - d) designed management plans for transboundary waters & join agencies.
  - e) regional measures for evaluation (pollution, water quality etc)
- Incorporate principles of international environmental & water law
- Implementation of the Strategy is voluntary, not enforceable
- First steps to introduce IWRM at regional & national level



# Thank you for your attention!